

1 March 1957

P-144A

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MEMORANDUM FOR: THE RECORD

SUBJECT: Trip Report, [REDACTED]

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1. The meeting was held on 28 February 1957, at [REDACTED]
[REDACTED] Present at the meeting were:

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DOCUMENT NO. 11 50X1
 NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
 CLASS. CHANGED TO: TS S 6 2010
 NEXT REVIEW DATE: _____
 AUTH: HR 70-2
 DATE: 22 JAN 1980 REVIEWER: 037169

2. Task I, Carrier Current System: The printed circuit boards have finally been received from the vendor and appear to be acceptable. The final assembly of the units is now underway and a tentative completion date of 20 March was agreed upon with a possible one-week delay to 27 March for any final adjustments which may have to be made. The 20 "talk stations" have been completed and are currently undergoing life tests. It is expected that they will each be left on for a total of 30 hours and any malfunctions which occur during this run will be corrected at the contractor's facility. Visual inspection of the unit by the undersigned indicated that excellent construction and fabrication techniques were utilized. The "listen station" will be completed during the next 10-day period and the initial run-in tests will be started at that time. Essentially, the same run-in procedures will be used for these as for the "talk station." [REDACTED] will personally deliver the 20 systems and auxiliary components on 22 March or 29 March, depending on the completion date.

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3. Task II, VHF Receiver, Low Band: The contract for this task was received about 10 days ago and [REDACTED] is presently organizing its engineering staff to handle this job. [REDACTED] will be senior engineer on this project and discussions with him indicated a fairly straight-forward development and fabrication schedule can be devised. Details of this program will be discussed at the next liaison meeting since the next two or three weeks effort will consist primarily of preparing basic parts lists and ordering same from the appropriate vendor. In addition, engineering time will be spent on designing the AC power supply and cleaning up the tuning section of the present receiver.

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4. Task III, VHF Receiver, High Band: [REDACTED] was informed that the contract for this task had been mailed to them on the 26th of February. Since the contract had not yet been received, no specific program or schedule was discussed. It was determined, however, that

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[] would be made senior engineer for this project. It is expected that he will be phased into the receiver development program over the next three weeks as the carrier current job is completed. Details of this program will be worked out during the course of the next two or three liaison visits.

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5. General:

a. The request for additional funds received from [] for Task I was discussed and it was determined that no additional funds would be needed to cover through engineering or materiel expenses. The overrun is entirely due to a re-evaluation of overhead burden and similar type percentage expenses. Since this is entirely an accounting matter, it was stated that it should be worked out between contract personnel for both groups. [] this Agency will be notified of this action.

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b. The attached equipment performance specifications for the carrier current system was discussed. All specifications under Items 1.1 and 1.2 have been checked out and Item 2.0 specifications will be determined during the week of 4 March. The only apparent changes necessary include:

(1) 1.2.2 will provide 75% performance of all "room temperature values" rather than "design values".

(2) 2.2 and 2.3 shall be accomplished with the microphone case detached from the equipment. It is felt that the ceramic head in this microphone is too sensitive to withstand the required drop test and shock test.

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[]
TSS/APD

Distribution:

P-144-1 w/attach
P-191A
P-191B
Chrono

TSS/APD, [] (1 Mar 57)

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Equipment Performance Specifications (Tentative)

1.1 Equipment, Operating

- ## 1.2 Equipment, Non-Operating

- room temp. values

2.1 *with relief* Vibration: Equipment shall be vibrated from 10 to 55 cycles per second with an excursion of no more than 1/64 of an inch in one cycle steps.

- 2.2 Drop Test: Equipment shall be capable of withstanding a 2-foot drop onto a concrete floor on each edge, corner, and face. *revised* *by [signature]*
- 2.3 Bench shock: Equipment shall be capable of withstanding a drop from a tilt angle of 30° onto a 2" fir bench top from each corner, face, and edge. *revised*

Here rec. Mallin

Test II - delivery dates approx. 1st, 4th, 11th, 18th, 25th, 31st

II - Foreign

III nadeln 26 Stk. großem

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